

**What is claimed is:**

1       1. A plasma display, comprising:  
2           a base plate;  
3           a back cover engaged with the base plate to form a  
4           space;  
5           a first circuit board disposed in the space and  
6           mounted on the base plate;  
7           a first electronic element disposed on the first  
8           circuit board;  
9           a first thermal conductive device disposed between  
10           the first electronic element and the back cover  
11           and mounted on the first electronic element.

1       2. The plasma display as claimed in 1, wherein the  
2       base plate is a metal plate.

1       3. The plasma display as claimed in claim  
2       2, wherein the metal plate is made of at least one of  
3       aluminum, copper or other compound metal.

1       4. The plasma display as claimed in claim 1,  
2       wherein the first thermal conductive device comprises a  
3       thermal conductive spring element.

1       5. The plasma display as claimed in claim 4,  
2       wherein the thermal conductive spring element has a  
3       spring portion secured on the first electronic element  
4       and a contact portion abutting the back cover.

1       6. The plasma display as claimed in claim 5,  
2 wherein the spring portion is integrally formed with the  
3 contact portion.

1       7. The plasma display as claimed in claim 4,  
2 wherein the thermal conductive spring element comprises  
3 copper.

1       8. The plasma display as claimed in claim 3  
2 further comprising a plurality of first supporters  
3 disposed between and separating the first circuit board  
4 and the base plate by an appropriate distance.

1       9. The plasma display as claimed in claim 8  
2 further comprising a second electronic element disposed  
3 on the first circuit board opposite to the first  
4 electronic element.

1       10. The plasma display as claimed in claim 3  
2 further comprising:

3             a second circuit board mounted between the first  
4             circuit board and the base plate;  
5             a third electronic element disposed on the second  
6             circuit board.

1       11. The plasma display as claimed in claim 10,  
2 wherein the first thermal conductive device comprises a  
3 thermal pad.

1       12. The plasma display as claimed in claim 11  
2 further comprising a fastener fixing the back cover to  
3 the first circuit board.

1           13. The plasma display as claimed in claim 12,  
2 wherein the fastener is a bolt.

1           14. The plasma display as claimed in claim 10  
2 further comprising a fourth electronic element disposed  
3 on the first circuit board; and a second thermal  
4 conductive device disposed between the fourth electronic  
5 element and the back cover and mounted on the fourth  
6 electronic element.

1           15. The plasma display as claimed in claim 14,  
2 wherein the second thermal device comprises a thermal  
3 conductive spring element.

1           16. The plasma display as claimed in claim 15,  
2 wherein the thermal conductive spring element has a  
3 spring portion secured on the first electronic element  
4 and a contact portion abutting the back cover.

1           17. The plasma display as claimed in claim 16,  
2 wherein the spring portion is integrally formed with the  
3 contact portion.

1           18. The plasma display as claimed in claim 15,  
2 wherein the thermal conductive spring element comprises  
3 copper.

1           19. The plasma display as claimed in claim 10,  
2 wherein the second circuit board is mounted on the base  
3 plate.

1           20. The plasma display as claimed in claim 19  
2 further comprising a fifth electronic element disposed on

Client's ref.: AU0306041 /  
File: 0632-A50006USf /ChenTF/Kevin

3 the first circuit board opposite to the first electronic  
4 element.